

**IN THE SPECIFICATION:**

At page 56, line 32, please delete "Photoprobe" and replace with  
--PHOTOPROBE™--

At page 56, line 35, please delete "Photoprobe" and replace with  
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**IN THE CLAIMS:**

All claims not withdrawn or canceled are reiterated for the convenience of the Examiner. Please amend Claims 9-12 and 17-20 as follows:

9. (Amended) An isolated or recombinant [nucleic acid capable of encoding a protein or peptide of Claim 1] polynucleotide that:

a) selectively hybridizes under stringent wash conditions of at least 50° C and less than 500 mM salt to the open reading frame of  
SEQ ID NO: 1 or 3; and

b) encodes a polypeptide that:

i) is expressed on activated T cells; and

ii) specifically binds a polyclonal antibody generated against  
SEQ ID NO: 2 or 4.

10. (Amended) [A nucleic acid] The polynucleotide of Claim 9, [wherein said nucleic acid] which:

a) encodes a mature polypeptide [sequence] of SEQ ID NO: 2 or 4;

b) comprises [a sequence of] the mature polypeptide coding portion of  
SEQ ID NO: 1 or 3; [or]

c) encodes [a sequence from an] the extracellular domain of [a]  
SEQ ID NO: 2 or 4 [natural 312C2]; or

d) encodes [a sequence from an] the intracellular domain of [a natural  
312C2] SEQ ID NO: 2 or 4;

e) attached to a solid substrate;

f) is detectable labeled; or

g) is in a sterile composition].

11. (Amended) [An expression or replicating vector] A recombinant expression or replicating vector comprising said polynucleotide of Claim 9.

12. (Amended) A kit comprising:

a) a substantially pure 312C2 or fragment of Claim 1;

b) an antibody or receptor which specifically binds a 312C2; or

c) a nucleic acid encoding a 312C2 or peptide]

a) said polynucleotide of Claim 9; and

b) instructions for use or disposal of reagents in said kit.